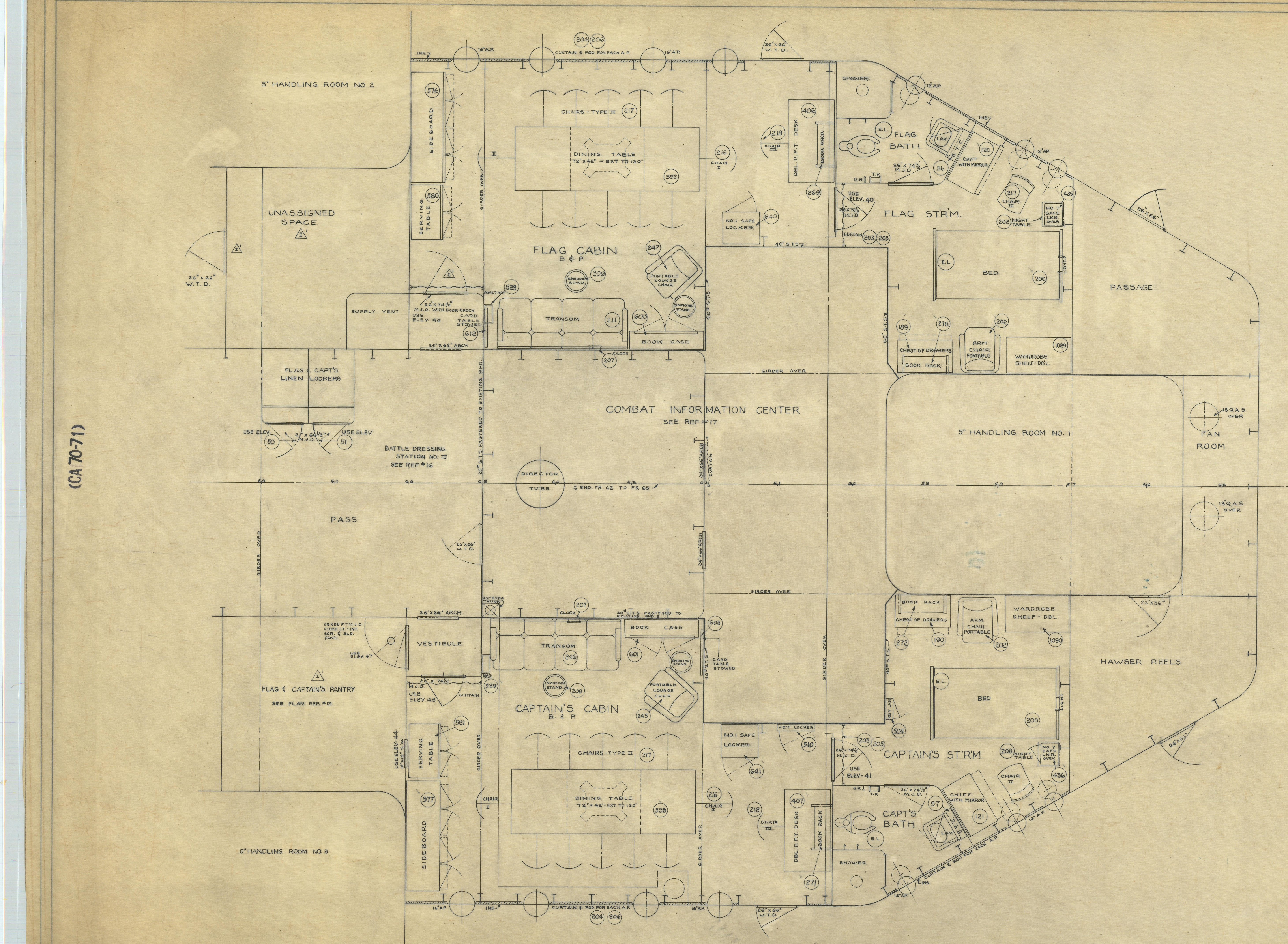
(CA70-71)



LOUNGE & ARM CHAIRS ARE PORTABLE AND CAN BE LOCATED TO SUIT.

(CA70-71)

BILL OF MATERIAL - QUANTITIES FOR ONE SHIP

PIECE NO. & ELEV.	NAME	NO. WANTED ORIGINAL	NO. WANTED SPARES	MATERIAL	FOLIO 3001 SH. NO.	REFERENCES DET. DR. & PC. NO.	REFERENCES N. D. SPECS	REMARKS
56	SINGLE TOILET CASE	1		AL-ALLOY	29		ORD. ON REF 4.	
57	"	1			29			
406	D.P. FLAT TOP DESK	1			86			F.T. 54 L.D.
407	" " " "	1			86			" " "
640	SAFE LOCKER Nº 1	1		STEEL	152-1			
641	" " "	1		STEEL	152-1			
510	KEY LOCKER	1		AL-ALLOY	145			TYPE A - 52 KEYS
528	MAIL TRAY	1			34			TYPE A
529	" "	1			34			" "
552	DINING TABLE	1			55			42" x 72"
553	" "	1			55			" "
576	SIDE BOARD	1			72			72"
577	"	1			72			72"
580	SERVING TABLE	1			76			36" x 25 1/4"
581	" "	1			76			" "
600	BOOK CASE	1			84			TYPE A 48
601	" "	1			84			" "
211	TRANSOM 85" LONG	1		STEEL			ORD. ON REF. 12	WIRE WOVEN CUSHION & SEAT
246	" "	1		STEEL				" " " "
247	LOUNGE CHAIR	1		STEEL				" " " "
245	" "	1		STEEL				" " " "
120	CHIFFONIER WITH MIRROR	1		AL-ALLOY	16		ORD. ON REF. 4	LOCKS ON DRWS
121	" " "	1			16			" " "
612	CARD TABLE	1			71			
613		1			71			
189	CHEST OF DRAWERS	1			18			
190	" "	1			18			
269	BOOK RACK	1			31			TYPE B
270	" "	1			31			" "
271	" "	1			31			" "
272	" "	1			31			" "
435	SAFE LOCKER Nº 7	1		STEEL	331			
436	" " "	1		STEEL	331			
504	KEY LOCKER	1		AL-ALLOY	145			TYPE B - 14 KEYS
1089	WARDROBE SHELF - DBL.	1		STEEL	26-5			42" x 24" WITH CURTAINS
1090	" " "	1		STEEL	26-5			" " "
591	TABLE LEAF LOCKER	1		AL-ALLOY	104			TYPE 642 LOCATE TO SUIT
592	" " "	1		AL-ALLOY	"			" " LOCATE TO SUIT CONDITIONS ON SHIP.
200	BED - COMPLETE	2		—			ORD. ON REF. 12	SIMMONS CO.
202	ARM CHAIR	2		AL-ALLOY				
203	CURTAIN FOR DOORS	4 SETS						
204	" " AIRPORTS	12 SETS						
205	CURTAIN RODS FOR DOORS	4		BRASS N.P.				
206	" " " AIRPORTS	12		BRASS N.P.				
208	NIGHT TABLE	2		AL-ALLOY				
209	SMOKING STAND	4		AL-ALLOY				
210	COAT & HAT HOOKS	AS REQD		BRASS N.P.				
207	CLOCK	2						MECHANICAL - ORD ON REF. 18
216	CHAIR TYPE I	4		AL-ALLOY				ORD ON REF #5
217	CHAIR TYPE II	22						" " "
218	CHAIR TYPE III	2						" " "

REFERENCES

No.	TITLE	B.S.C. No	OFF'L No	BU. SHIPS No
1	MAIN DK. COMPARTMENT & ACCESS	9611-7 9711-7		523449 523499
2	2ND DECK " "	9611-6 9711-6		523448 523498
3	3RD DECK " "	9611-5 9711-5		523447 523497
4	METAL FURNITURE LIST	94236-73		410384
5	LIST OF CHAIRS	94236-67	3416	408665
6	METAL JOINER DOORS	94141-3	3705A	
7	FOUNDATIONS FOR SAFES & SAFE LKRS	94232-145	4095	410356
8	CARD TABLES	94236-73	3704-A	410384
9	OUTFITTING FITTINGS	94174-3	4220	410564
10	PLUMBING FIXTURES	9418-P1		409405
11	ANTENNA TRUNKS	94127-60	4676	411017
12	LIST OF SPECIAL ARTICLES	94236-583	3642	408889
13	FLAG & CAPTAINS PANTRY	96236-22	CA70-S3302-176224	
14	REARR'G'T TO PROVIDE COMBAT INFORMATION CENTER			017688
15	S of S LET. CA68-75/CA122-138/S67(F5755-DM)-17 MAY 1943			
16	BATTLE DRESSING STATIONS	9511-85B	CA69-S3701-176167	
17	ELEC. GEN'L ARR'G'T COMBAT INFORMATION CENTER	9620-529		
18	MECHANICAL CLOCKS	94235-12	4534	410884

THIS PLAN
SUPERSEDES
9411-44

FOR CA70-71 ONLY
BU. NO. 408872

(CA70-71)

NO.	PANEL	ALTERATION	BY	CONT. DATE	CONT. APPD.	GOV'T. DATE	GOV'T. APPD.
I.		1. W.T. DOOR ADDED TO UNASSIGNED SPACE AT BHD 68 1/2 VESTIBULE PORT SIDE BETWEEN FRS. 65-66 REDUCED IN SIZE, ABOVE ALTERATIONS TO SUIT ALTERATION I ON REF #1 WORD FLAG SUBSTITUTED FOR "ADMIRALS" IN TITLE OF PANTRY	UA 221	29 VI 43'		8/2/43	

CALCULATED WEIGHTS

1496-1497 HULL NO
CA-70 & 71 SHIP NO
BETHLEHEM STEEL CO. SHIPBUILDING DIVISION FORE RIVER YARD QUINCY, MASS. CONTRACTOR

CORRECTED PLAN

BETHLEHEM STEEL CO.
SHIPBUILDING DIVISION
FORE RIVER YARD QUINCY, MASS.
HULL DEPARTMENT

SCALE	1/2" = 1'-0"	DATE	30-JUNE-'43.
DRAWN	UA 261 BC	EXAMINED	WRB.
TRACED		APPROVED	
CHECKED	UA-51 KR.	APPROVED	

JOB Nº PLAN Nº 9611-44

CA68-75 / S1-3
CA122 CL / S1-3
7160546 / 48

CORRECTED PLAN

APPROVED FOR CA 70 TO 71 DATE July 12, 1943
LETTER NO.
Theo. F. Aschenfeld
SUPERVISOR OF SHIPBUILDING U.S.N. QUINCY, MASS.

FLAG & CAPTAIN'S
QUARTERS
MAIN DK - FRS. 57-68

BUREAU OF SHIPS PLAN NUMBER

			ALT. Nº
CA70	S3302	176045	I

PRINTS	DATE	UA	UB	UC	B	D	EA	EB	H	K	L	M	N	Q	R	S	TB	TC	PROD.	HW.	U.A. WTS.	E.A. WTS.	INSP.	MCGHEE
	14 JULY 43	5	1	1					1		6								1					1
	5 AUG 43	5	1	1					1		6								1					
	8/10/43							1																

S. OF S. No.	DATE
5	7/12/43
3	8/13/43

8" GUN - 13000 T

GROUP 14G

SG RADAR ANTENNA
TOPMAST
THIS SUPPORT TO BE SO LOCATED THAT THE FLANGE COUPLING (PIECE NO. 17) RESTS UPON IT WITH NO TENSION IN UPPERMOST SECTION OF WAVEGUIDE
SERVICE PLATFORM
LADDER
DETAIL 10-A
PARTIAL ELEVATION TOPMAST
SCALE: 3/4"=1 FOOT
STAY LUG
WAVEGUIDE
CLEARANCE HOLE
FORD
SECTION 10-B
SCALE 3/4"=1FOOT
CUT TO SUIT CONTOUR OF MAST
DRILL 7/16"-2 HOLES
DRILL 1 11/16"
5# STEEL PLATE
TO SUIT
DETAIL 9-A
SCALE: 6"=1FOOT
6 3/4" DIA. HOLE-CUT IN PLATFORM TO SUIT
BASE OF SK RADAR ANTENNA
MAINMAST
CUT CLEARANCE HOLE TO SUIT IN RADAR PLATFORM
2 1/2" DIA. HOLE CUT TO SUIT
DETAIL 8-A
PARTIAL PLAN VIEW - MAINMAST RADAR PLATFORM
SHOWN WITH PLATING REMOVED
SCALE: 3/4"=1 FOOT
THIS SUPPORT TO BE SO LOCATED THAT THE FLANGE COUPLING (PIECE NO. 17) RESTS UPON IT WITH NO TENSION IN UPPERMOST SECTION OF WAVEGUIDE
FOREMAST
APPROX. 3"
DETAIL 7-A
PARTIAL ELEVATION OF FOREMAST LOOKING IN DIRECTION OF ARROW 7-A
SCALE: 1"=1 FOOT
TACK WELD NUTS TO INBOARD FLANGE BEFORE INSTALLATION
W.T. TRUNK - SEE NOTE NO. 4
LADDER RUNG
5# PROTECTIVE COVER
VERTICAL LADDER
SG RADAR TRANSMITTER
AFTER RADAR TRANSMITTER ROOM
SC2 RADAR TRANSMITTER
VENT TRUNK
HOODED LOG DESK
10# PROTECTIVE COVER SEE NOTE 3
℄ OF SHIP
2 1/2" DIA. CUT IN BHD. X=2"
AFTER MAIN BATTERY FIRE CONTROL STATION
SCALE: 3/4"=1 FOOT
NATURAL SUPPLY HOOD
INSULATION
FORD RADAR ROOM
SG TRANSMITTER RECEIVER
DIRECTOR TUBE
RADIO DIR. FINDER LOOP
W.T. TRUNK
PLAN VIEW - NAVIGATING BRIDGE
SCALE: 3/4"=1 FOOT
SK RADAR ANTENNA
FOR CONTINUATION SEE SECTION 8-B
STACK GAS DEFLECTOR
SCREENED SPEED LIGHT
10# S.T.S. PROTECTIVE COVERING - SEE NOTE 3
HOOD FOR SIGNAL BOOK DESK
AFT AIR DEFENCE
FIRST LEVEL
PARTIAL ELEVATION - MAINMAST
LOOKING TO STBD.
SCALE: 1/4"=1 FOOT
RANGE LIGHT
BATTLE GAFF
FOR THIS PORTION OF WAVEGUIDE SEE SECTION 5-A
MAIN BATTERY FIRE CONTROL STA.
NAVIGATING BRIDGE
FLAG BRIDGE
PARTIAL ELEVATION - FOREMAST
LOOKING TO STBD.
SCALE: 1/4"=1 FOOT
10# S.T.S. PROTECTIVE COVER OVER COAXIAL TRANSMISSION LINE AND WAVEGUIDE
W.T. TRUNK - SEE NOTE #4
PLATE WELDED TO EDGE OF COAMING FOR WAVEGUIDE SUPPORT
AFTER AIR DEFENSE STA. LEVEL
WAVEGUIDE COUPLER
SECTION 10-C
DETAIL OF WAVEGUIDE
SCALE: 3/4"=1FOOT
STEEL STRAP 1/8" X 1/8"
DRILL 11/32"-2 HOLES
DETAIL 9-B
SCALE: 6"=1FOOT
1/32" THICK
CUT OUT THIS SEGMENT & BEND THE STRIP INTO THE FORM OF A CIRCLE 1 5/8" D. INSERT INTO, & ROLL EDGES OVER CLAMP (DETAILS 9-B & 9-C
DETAIL 9-C
SCALE: 6"=1FOOT
STEEL STEP HANGER 1 1/8" X 1/8"
DETAIL 9-D
SCALE: 6"=1 FOOT
LEAD BUSHING - SEE DETAIL 9-C
1 5/8" COAXIAL TRANSMISSION LINE
STEEL STRAP - SEE DETAIL 9-B
5/16"-18 R.H. MACH. SCREW & NUT
LOCKWASHER
STEEL STEP HANGER SEE DETAIL 9-D
DETAIL 9-E
SCALE: 6"=1FOOT
5# PROTECTIVE COVER - UP TO 6' ABOVE PLATFORM
MAINMAST RADAR PLATFORM
DETAIL 8-B
PARTIAL ELEVATION OF MAINMAST RADAR PLATFORM
LOOKING TO STARBOARD
SCALE: 3/4"=1 FOOT
STEEL STEP HANGER 1/8"x1 1/4" FOR PIECE 18 1/4"x2 1/2" FOR PIECE 19
STEEL STRAP HANGER 1/8"x1 1/4" FOR PIECE 18 1/4"x2 1/2" FOR PIECE 19
1/32" THICK LEAD LINER
DETAIL 7-B
SCALE: 6"=1 FOOT
KEY PLAN
NOT TO SCALE
26°30'
DUPLEXER
SC-2 RADAR TRANSMITTER
AFTER AIR DEFENCE STATION
HOLE CUT IN PLATFORM TO SUIT
SECTION 6-A
DETAIL OF COAXIAL TRANSMISSION LINES
SCALE: 3/4"=1FOOT
WAVE GUIDE COUPLER
SECTION 5-A
SCALE 3/4"=1 FOOT

LIST OF MATERIAL

	PIECE NO.	NO. RQD.	DESCRIPTION	BU. OF SHIPS DWG NO.	FURNISHED BY.
*	1	75'	1 5/8" COAXIAL TRANSMISSION LINE		BUREAU OF SHIPS
*	2	1	GAS VENT COUPLING		↓
*	3	1	GAS SERVICING COUPLING		
*	4	3	SOLDERLESS COUPLING WITH BRIDGE		
*	5	13	SOLDERLESS COUPLING WITHOUT BRIDGE		
*	6	1	ANCHOR JOINT COUPLING		
	7	1	ANCHOR JOINT SUPPORT BRACKET - SEE DETAIL 9-A		SHIPYARD
*	8	1	EXPANSION JOINT FOR 1 5/8" COAXIAL TRANSMISSION LINE		BUREAU OF SHIPS
*	9	5	45° ELBOW FOR 1 5/8" COAXIAL TRANSMISSION LINE		↓
*	10	7	90° ELBOW FOR 1 5/8" COAXIAL TRANSMISSION LINE		
*	11	1	W.T. DECK AND BULKHEAD FITTING FOR 1 5/8" COAXIAL TRANS. LINE	SKETCH X-8843B	
	12	17	SINGLE COAXIAL LINE SUPPORT - SEE DETAIL 9-E		SHIPYARD
	13	1	ALIGNMENT SECTION		BUREAU OF SHIPS
**	14	180'	1 1/2"x3" WAVE GUIDE PIPE		↓
**	15	3	90° ELBOW - FLAT BEND - RAYTHEON TYPE NO. DVG. 51-5176		
**	16	2	EXPANSION JOINT COUPLING - RAYTHEON - TYPE NO DVG 51-52		
**	17	11	FLANGE COUPLING - RAYTHEON TYPE NO. DVG 105-5179		
	18	29	WAVEGUIDE SUPPORT - SEE DETAIL 7-B		SHIPYARD
	19	5	WAVEGUIDE ANCHOR SUPPORT - SEE DETAIL 7-B		↓
	20	33'	LEAD LINER · 1 1/4" WIDE - 1/32" THICK		
**	21	2	SLEEVE - 4" LONG - FOR WAVEGUIDE		BUREAU OF SHIPS
**	22	3	90° ELBOW - EDGEWISE BEND - RAYTHEON TYPE NO. DVG-51-5156		↓

* FURNISHED AS PAPT OF KIT FOR SC-2 RADAR
** FURNISHED AS PART OF KIT FOR SG RADAR (2 KITS REQUIRED)

NOTES
1. WHEN INSTALLING 1 5/8" COAXIAL TRANSMISSION LINE, ALLOW 4" GAP AT ANCHOR JOINT WITH EXPANSION JOINT FULLY COMPRESSED. THEN PULL LINE UP TO ANCHOR JOINT AND CONNECT.
2. THE SUPPORTS FOR WAVEGUIDE AND COAXIAL TRANSMISSION LINE ARE TO BE MOUNTED APPROXIMATELY 5 FEET APART IN VERTICAL RUNS AND 2 1/2 FEET APART IN HORIZONTAL RUNS.
3. 10# STEEL CASING TO BE PROVIDED AROUND COAXIAL TRANSMISSION LINE AND WAVEGUIDE FOR PROTECTION AGAINST MECHANICAL INJURY.
4. WATERTIGHT TRUNK TO SUIT TO BE PROVIDED BY HULL DEPARTMENT.

REFERENCE DRAWINGS

NO.	TITLE	B.S.C. DWG. NO.	BUREAU OF SHIPS NUMBERS MACHINERY INDEX	GROUP	FILE	ALT.
1	ELECTRICAL GENERAL ARRANGEMENT - FORWARD RADAR ROOM	9620-527	CA70	S6700		0
2	ELECTRICAL GENERAL ARRANGEMENT - AFTER RADAR ROOM	9620-533	CA70	S6700		0
3	ELECTRICAL GENERAL ARRANGEMENT - FOREMAST	9420-666	CA68	S6000		2
4	ELECTRICAL GENERAL ARRANGEMENT - MAINMAST	9620-667	CA70	S6000		0
5	MODEL SG RADAR ARRANGEMENT - TYPE PLAN	NAVY DEPT. PLAN RE-62J 130B				
6	RADAR - MODEL SG ANTENNA OUTLINE DIMENSIONS	NAVY DEPT. PLAN RE 66F 349D.				
7.	1 5/8" TRANSMISSION LINE RUN	NAVY DEPT. SKETCH X-8851B				
8	WAVEGUIDE RUN - TYPE PLAN	NAVY DEPT. PLAN RE 8J 482B				
9	INSTRUCTIONS FOR INSTALLATION OF 1 1/2"x3" WAVEGUIDE	N.Y. NAVY YARD REPORT RY3A240				
10	1 1/2"x3" WAVEGUIDE TYPE INSTALLATION METHODS	N.Y. NAVY YARD PLAN 50711-Y				
11	MAINMAST AND FITTINGS	95211-15	BU-SHIPS HULL NO. 411494			

NO.	PANEL	ALTERATION	BY	CONT. DATE	CONT. APPD.	GOVT. DATE	GOVT. APPD

HULL NO.	SHIP NO.	NAME	CONTRACTOR
1497	CA-71		BETHLEHEM STEEL CO. SHIPBUILDING DIV. QUINCY YARD QUINCY, MASS.
1496	CA-70		

~~RESTRICTED~~

BETHLEHEM STEEL CO.
SHIPBUILDING DIVISION
QUINCY YARD QUINCY, MASS.
ELECTRICAL DEPARTMENT

SCALE AS NOTED DATE 12-JULY-1943
DRAWN A.S. EXAMINED A.N.N.
TRACED APPROVED ECG
CHECKED E.C.Y. APPROVED

JOB № 1494-20 PLAN № 9620-524

CA68-75/81-3
SER7160546/42

CORRECTED PLAN
APPROVED FOR CA70 & 71 DATE 7-20-43
LETTER NO. Supships Quincy ltr. No. CA70-71/S67 (G 4052-Dm)
Fred. F. Aschenfeld
SUPERVISOR OF SHIPBUILDING U.S.N., QUINCY, MASS.
BY DIRECTION

RADAR
COAXIAL TRANSMISSION LINE
AND WAVEGUIDES
ARRANGEMENT AND DETAILS

BUREAU OF SHIPS PLAN NUMBER HULL	MACHINERY INDEX	GROUP	FILE	ALT
	CA70	S6700	178744	0

77

DECLASSIFIED
Authority EO 13526 Section 3.3
NND NW 47327

NET - 27.00 SQ. FT.

LIST OF SYMBOLS

SYM. NO.	SYMBOL	QUANTITY FOR ONE SHIP	UNIT WEIGHT	TOTAL WEIGHT POUNDS	DESCRIPTION	BUREAU OF SHIPS DRAWING No.	SUB-CONTRACTORS DRAWING No.
	4PA	12			GUN FIRING CONTACT MAKER	FURNISHED BY	BUREAU ORDNANCE
	Ⓣ	12			TRAIN POWER DRIVE - MK. 5 & MODS.		
	Ⓔ	12			ELEVATION POWER DRIVE - MK. 5 & MODS.		
	▭	24			FIRING STOP SWITCH		
	▨	24			FIRING SOLENOID		
	⊙ 4PA	12			SINGLE DIAL INDICATOR		
		12			ILLUMINATION TRANSFORMER - MK. 7 - MOD. 1		
	◎	12			BRANCH BOX - W.T. - TYPE "E"		
	⑤	12			5 WIRE CONNECTION BOX - W.T. - TYPE "V"		
	⑤ MOD	12			5 WIRE CONNECTION BOX - W.T. - TYPE "V" MOD. FOR 9 TERM		
	GM	12			FUSE BOX - MK. 3 -		
	40	12			40 WIRE CONN. BOX - W.T. - WITH DIMMING RESISTORS.		
	⧓	12			SNAP SWITCH - W.T. - TYPE "CC"		
	⋈	24			FIRING SWITCH		
	☒	12			FIRING SELECTOR SNAP SWITCH - MK. 8 - MOD. 14		
	⊞ XI-S	12			D.P.D.T. 25A-125V. ROTARY (SNAP) TRANSFER SWITCH-TYPE "XI-S"	9-S-5194-L	FURN. BY BU. SHIPS
	⑳	10	10.4	104.0	20 WIRE CONNECTION BOX - W.T. - TYPE "V"	9-S-4302-L	
	40	6	16.9	101.4	40 WIRE CONNECTION BOX - W.T. - TYPE "V"	9-S-4303-L	
		240'	.11	26.4	DCOP4 CABLE		
		180'	.15	27.0	DHFA3 (D3)		
		145'	.35	50.8	DHFA9 (D9)		
		1040'	.43	447.2	DHFA14 (D14)		
		300'	.53	159.0	DHFA23 (D23)		
		180'	.69	124.2	DHFA30 (D30)		
		930'	.81	753.3	DHFA 50 (D50)		
		240'	.22	52.8	FHFA3 (F 3)		
		120'	.37	44.4	MHFA7 (M7)		
		120'	.56	67.2	MHFA10 (M10)		
		120'	.80	96.0	MHFA 19 (M19)		
		965'	1.16	1119.4	MHFA30 (M30)		
		955'	1.37	1308.4	MHFA 37 (M37)		
		350'	1.65	577.5	MHFA44 (M44)		
		960'	.29	278.4	MHFF10		
				440.0	TERMINAL & STUFFING TUBES		
				2053.5	MISCELLANEOUS - HANGARS ETC.		
				7830.9	TOTAL WEIGHT		

NO.	PANEL	ALTERATION	BY	CONT. DATE	CONT. APPD.	GOVT. DATE	GOVT. APPD.
		EQUIPMENT RELOCATED & WIRING REVISED PER RELOCATION OF H.M.G. DIRS. Nº 2 & Nº 3 PER LATEST COMPT. & ACCESS PLAN. CABLE DATA CORRECTED. QUA. OF D3 CABLE WAS 160' & M30 WAS 855'. FOR CA 71 ONLY.					
I 12		APPROVAL	J.S.H. G.A.C.	4 SEPT. 1943	ZIG	9/24/43	

CALCULATED WEIGHTS

GROUP	DESCRIPTION	CONT. CALC.	BUREAU. EST.	DIFFERENCE
	CIRCUIT "GM & 4PA"	7831 #		

NOTES:
1. ALL CABLE SHALL BE IN ACCORDANCE WITH SECTION S62-2 OF 1 MAY 1940 OF GENERAL SPECIFICATIONS FOR MACHINERY.
2. LENGTHS OF CABLE SHOWN ON THIS PLAN ARE APPROXIMATE ONLY. EXACT LENGTHS FOR INSTALLATION PURPOSES TO BE TAKEN FROM SHIP.
3. THIS CIRCUIT IS VITAL AND REQUIRES BLUE COLOR BANDS.

REFERENCE PLANS

No.	TITLE	B.S.C. No.	BUREAU OF SHIPS MACHINERY INDEX	GROUP	FILE	ALT.	HULL
1	1.10" & 40 M/M MOUNTS WITH GUN DIRECTOR MK. 51 - ELEM. WIRING DIAGRAM	BU. ORD. 301096					
2	40 M/M MOUNT - MK. 2 - MODS. (QUADRUPLE) - EXTERNAL WIRING DIAGRAM	BU. ORD. 301019		S71	538		
3	HEAVY MACHINE GUN CONTROL SYSTEM - CABLE SCHEMATIC	BU. ORD. 328613					
4	LIGHTING - 5" & 8" PLOTTING ROOMS	9420 - 103A	CA68	S6401	251	2	
5	LIGHTING - MACHINERY SPACES - UPPER LEVEL	9420 - 108	CA68	S6401	8	8	
6	POWER DECK PLAN - 2ND DECK FORD.	9420 - 12	CA68	S6202	312	8	
7	POWER DECK PLAN - 2ND DECK AMID.	9420 - 13	CA68	S6202	313	6	
8	POWER DECK PLAN - 2ND DECK AFT	9420 - 14	CA68	S6202	314	7	
9	WIRING DIAGRAM - GUN DIRECTOR MK. 51	BU. ORD. 84157					

HULL NO.	SHIP NO.		
1497	CA-71		BETHLEHEM STEEL CO. SHIPBUILDING DIVISION QUINCY YARD QUINCY, MASS.
1496	CA-70		CONTRACTOR

BETHLEHEM STEEL CO.
SHIPBUILDING DIVISION
QUINCY YARD QUINCY, MASS.
ELECTRICAL DEPARTMENT

SCALE NONE
DATE July-5-1943
DRAWN R.A.H.
EXAMINED A.H.H.
TRACED C.K.
APPROVED E.C.A. Hall.
CHECKED D.C.M.
APPROVED

JOB Nº 1494-20 PLAN Nº 9620-345

CA68-75/S1-3
SER7160546/43

CORRECTED PLAN

APPROVED FOR CA 70 & 71
DATE July 15, 1943
Sup Ship @ LETTER NO. S870-71/S71-3 (J-3379-Dm)
Thos. F. Archerfeld
SUPERVISOR OF SHIPBUILDING U.S.N. QUINCY, MASS
BY DIRECTION

ISOMETRIC WIRING DIAGRAM
HEAVY MACHINE GUN CONTROL & FIRING SYSTEMS
CIRCUITS-GM & 4PA

BUREAU OF SHIPS PLAN NUMBER MACHINERY INDEX	GROUP	FILE Nº	ALT.
CA70	S7103	178640	1